

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,000,181 B2
APPLICATION NO. : 09/886199
DATED : February 14, 2006
INVENTOR(S) : Press

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Delete drawing Fig., on Title Page, and substitute with attached drawing Fig.

On the Title Page 2, Item (56)

Line 9, delete "Fillings" and insert --filings--

Drawings

Drawing sheets 4-14 are to be published in color. A set of drawings in color is enclosed. A copy of the *Petition to Allow Color Drawings* is enclosed (Appendix 1). The Examiner objected to the clarity of Figures 7 - 17 in the drawings sheets in the 11/18/2004 *Office Action*. The applicant submitted black and white drawings in the 02/14/2005 response to the *Office Action* as a courtesy for the benefit of the Examiner in reading the drawings. In the 02/14/2005 response the applicant states that the black and white drawing sheets were not a replacement for the colored drawing sheet originally submitted. (Appendix 2).

Column 3

Lines 66 and 67, delete "D3" and insert --D₃--

Column 4

Line 1, delete "D3" and insert --D₃--

Column 7

Line 52, delete "M \geq " and insert --M \geq --

Column 10

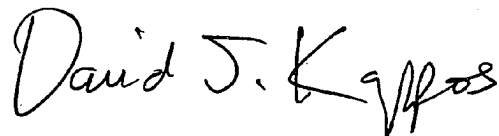
Line 61, delete "highlighted until" and insert --highlighted in color until--

Column 12

Line 13, delete "highlights" and insert --highlighting--

Signed and Sealed this

Fourteenth Day of December, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent Press**

(10) **Patent No.: US 7,000,181 B2**
(45) **Date of Patent: Feb. 14, 2006**

(54) **DYNAMIC DATA DISPLAY HAVING SLIDE DRAWER WINDOWING**

(75) Inventor: **Robert Press, New York, NY (US)**

(73) Assignee: **International Business Machines Corporation, Armonk, NY (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 820 days.

(21) Appl. No.: **09/886,199**

(22) Filed: **Jun. 21, 2001**

(65) **Prior Publication Data**
US 2002/0198906 A1 Dec. 26, 2002

(51) **Int. Cl.**
G06F 15/00 (2006.01)

(52) **U.S. Cl.** **715/503; 715/777**

(58) **Field of Classification Search** **715/503, 715/504, 500, 776, 777, 764; 345/790, 840**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,255,363	A	10/1993	Seyler	
5,392,387	A *	2/1995	Fitzpatrick et al.	715/776
5,542,040	A *	7/1996	Chang et al.	715/776
5,623,282	A	4/1997	Graham et al.	
5,623,591	A	4/1997	Cseri	
5,634,095	A *	5/1997	Wang et al.	715/763
5,784,545	A	7/1998	Anderson et al.	
5,819,263	A *	10/1998	Bromley et al.	707/3
5,870,092	A *	2/1999	Bedford-Roberts	715/776
5,894,311	A *	4/1999	Jackson	345/440
6,037,941	A *	3/2000	Goto	715/777
6,134,535	A *	10/2000	Belzberg	705/37

6,157,934	A *	12/2000	Khan et al.	715/503
6,225,996	B1 *	5/2001	Gibb et al.	715/784
6,246,407	B1 *	6/2001	Wilks et al.	715/803
6,266,814	B1 *	7/2001	Lemmons et al.	725/44
6,445,400	B1 *	9/2002	Maddalozzo et al.	715/803
6,557,164	B1 *	4/2003	Faustini	717/107
6,613,098	B1 *	9/2003	Sorge et al.	715/503
6,701,485	B1 *	3/2004	Igra et al.	715/503
6,850,255	B1 *	2/2005	Muschetto	715/788
2002/0010743	A1 *	1/2002	Ryan et al.	709/205
2002/0015609	A1 *	2/2002	Webber	400/489
2002/0032611	A1 *	3/2002	Khan	705/26
2002/0070972	A1 *	6/2002	Windl et al.	345/777
2002/0085040	A1 *	7/2002	Krolczyk et al.	345/777

OTHER PUBLICATIONS

Polilli, Conferencing Software Available for Windows, InfoWorld, Feb. 7, 1994, vol. 16, iss. 6, p. 44, 1 pgs, from ProQuest as pp. 1-2.*

(Continued)

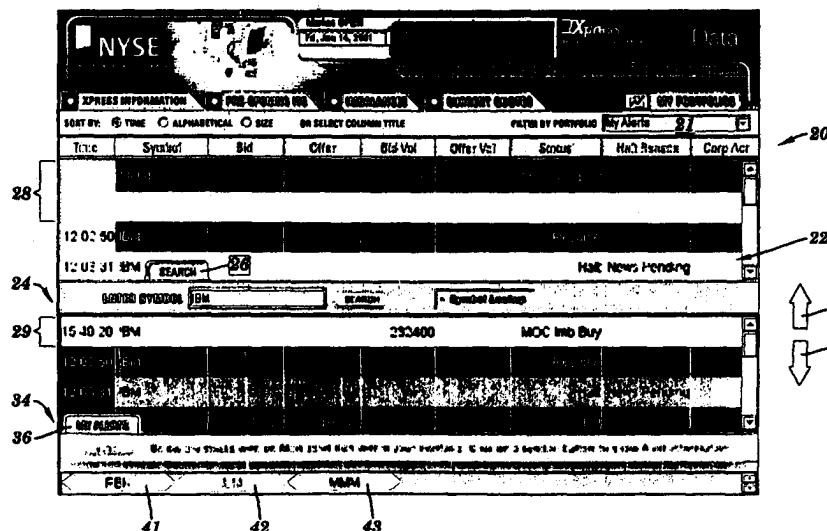
Primary Examiner—Cong-Lac Huynh

(74) *Attorney, Agent, or Firm*—Schmeiser, Olsen & Watts; John R. Pivnichny

(57) **ABSTRACT**

A dynamic data display system and associated method of usage. A portion of a data feed is dynamically displayed, such as in spreadsheet format, on a main drawer D_0 that overlays a display screen. N additional drawers D_1, D_2, \dots, D_N are positioned such that D_1 conditionally overlays D_0 , D_2 conditionally overlays D_1, \dots, D_N conditionally overlays D_{N-1} . N is at least 2. Each drawer D_i ($i=1, 2, \dots, N$) is adapted to being opened or to being closed. A user command is directed to a first drawer of the N additional drawers, which causes content on a second drawer of the N additional drawers to be displayed in accordance with the user command.

56 Claims, 16 Drawing Sheets



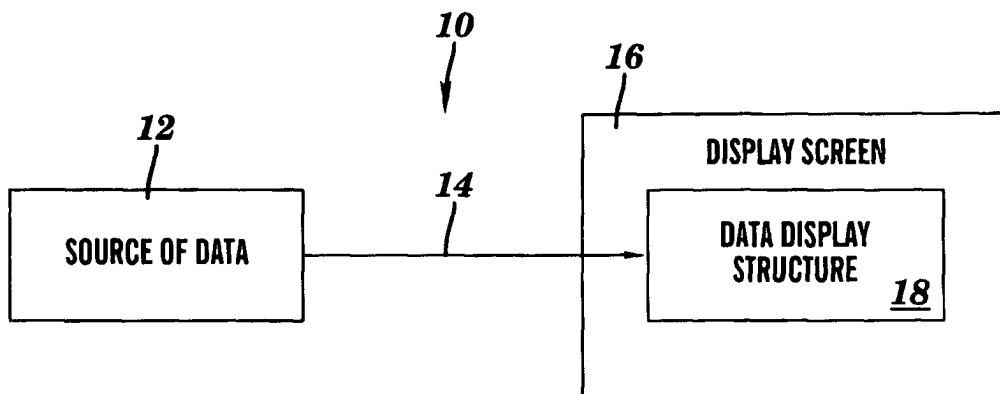


FIG. 1

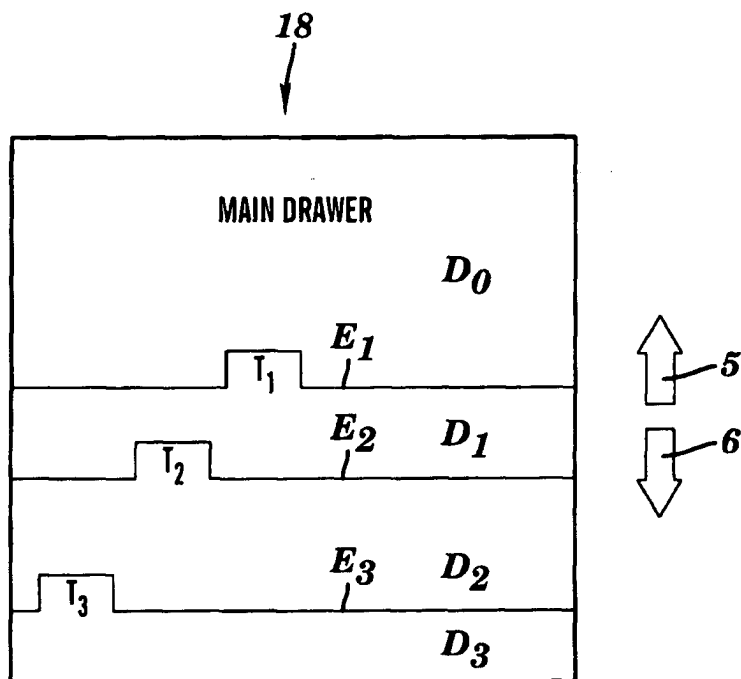
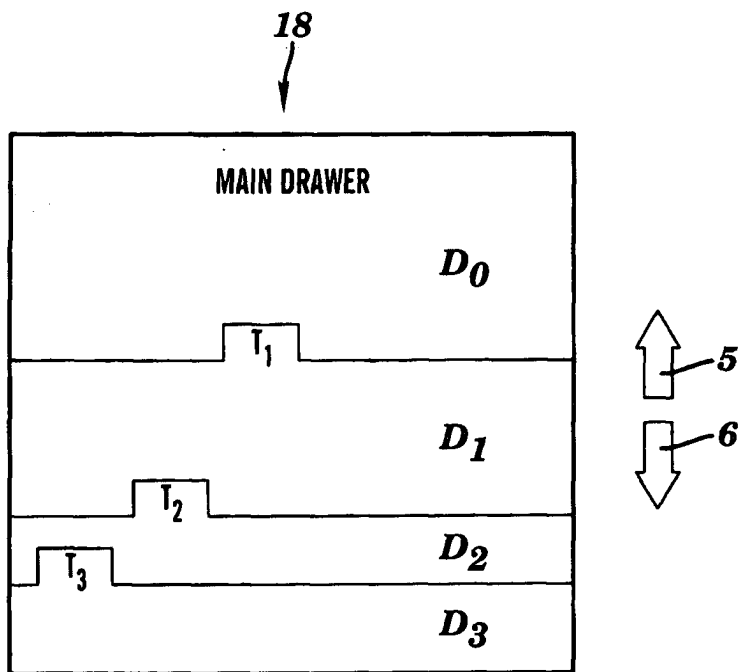
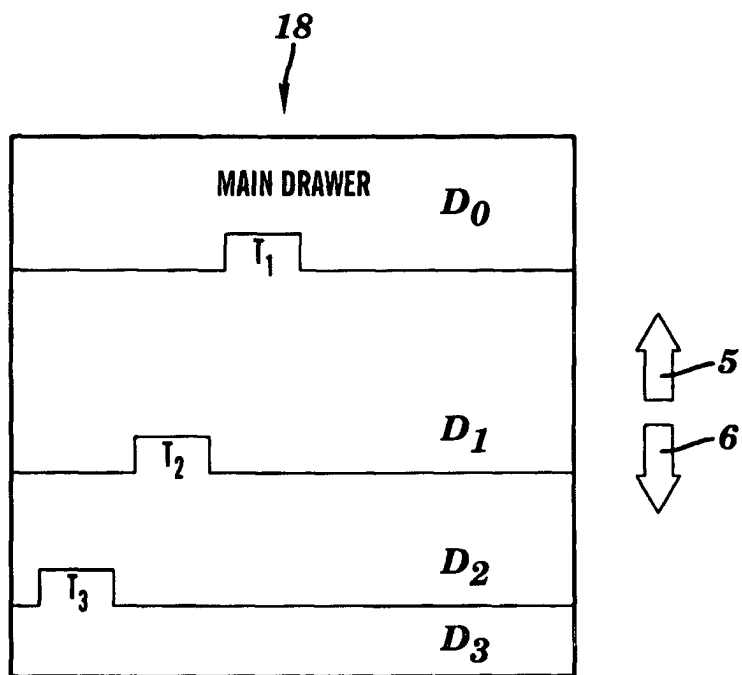


FIG. 2



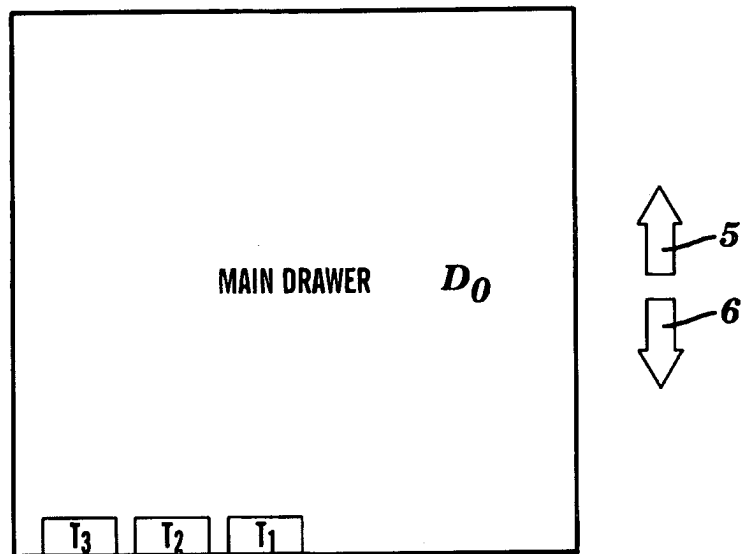


FIG. 5

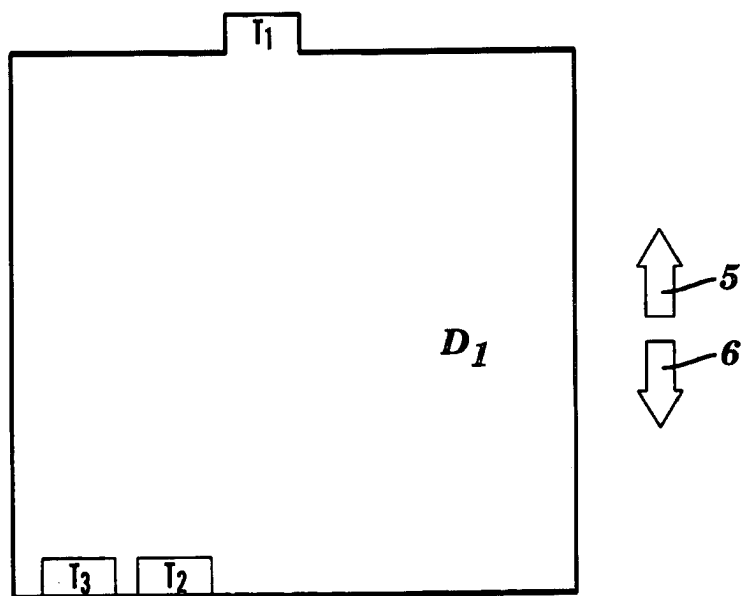


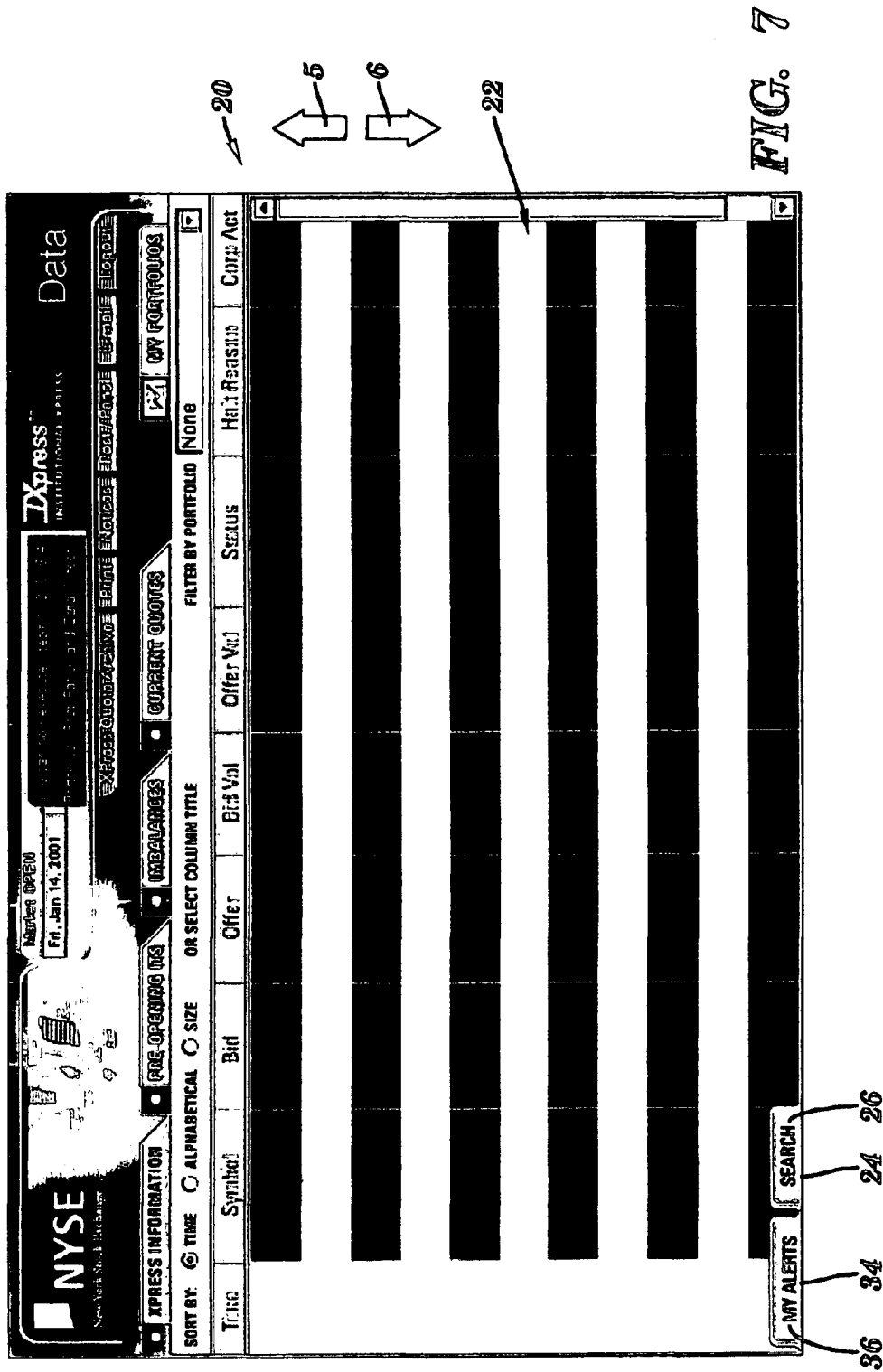
FIG. 6

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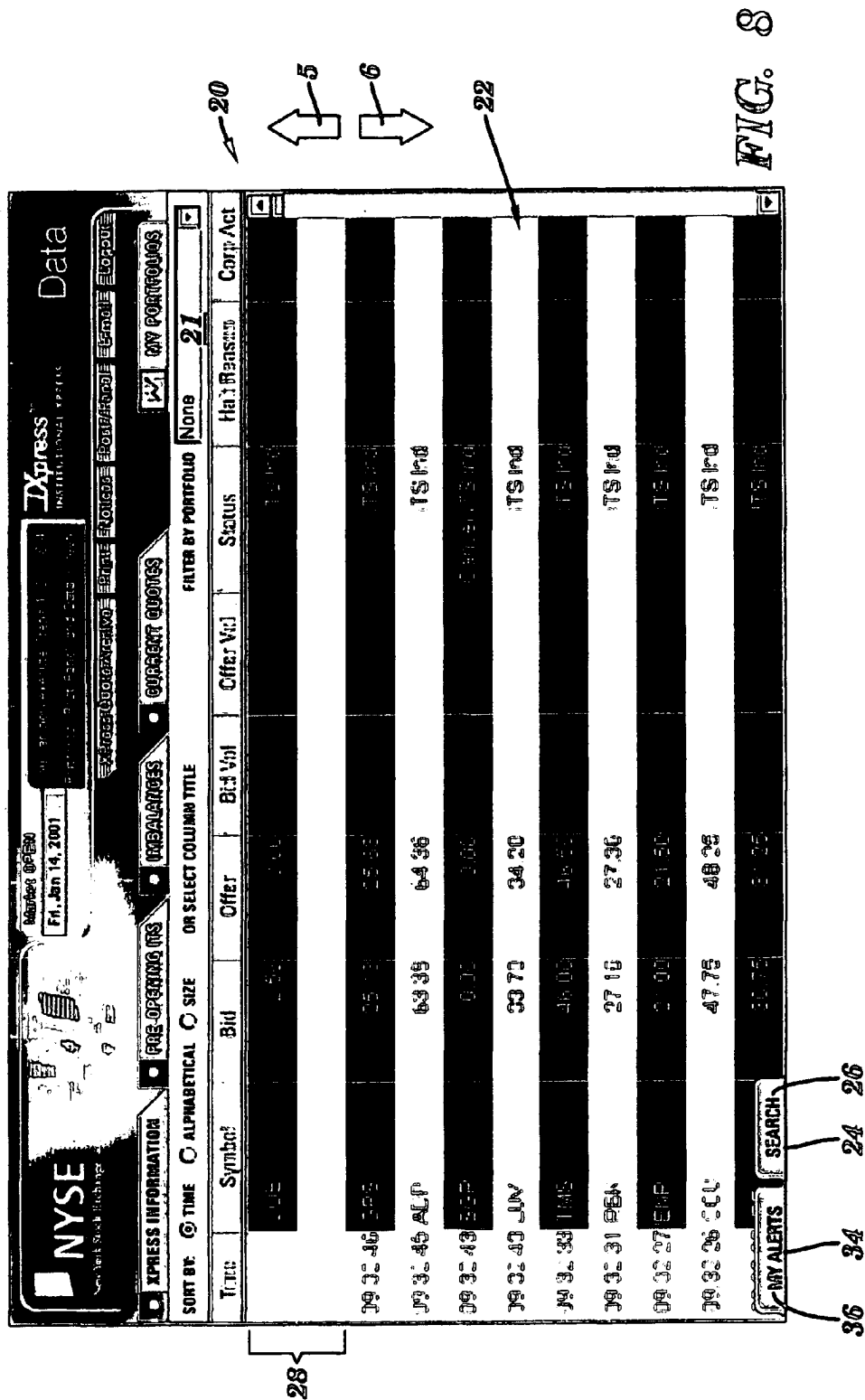


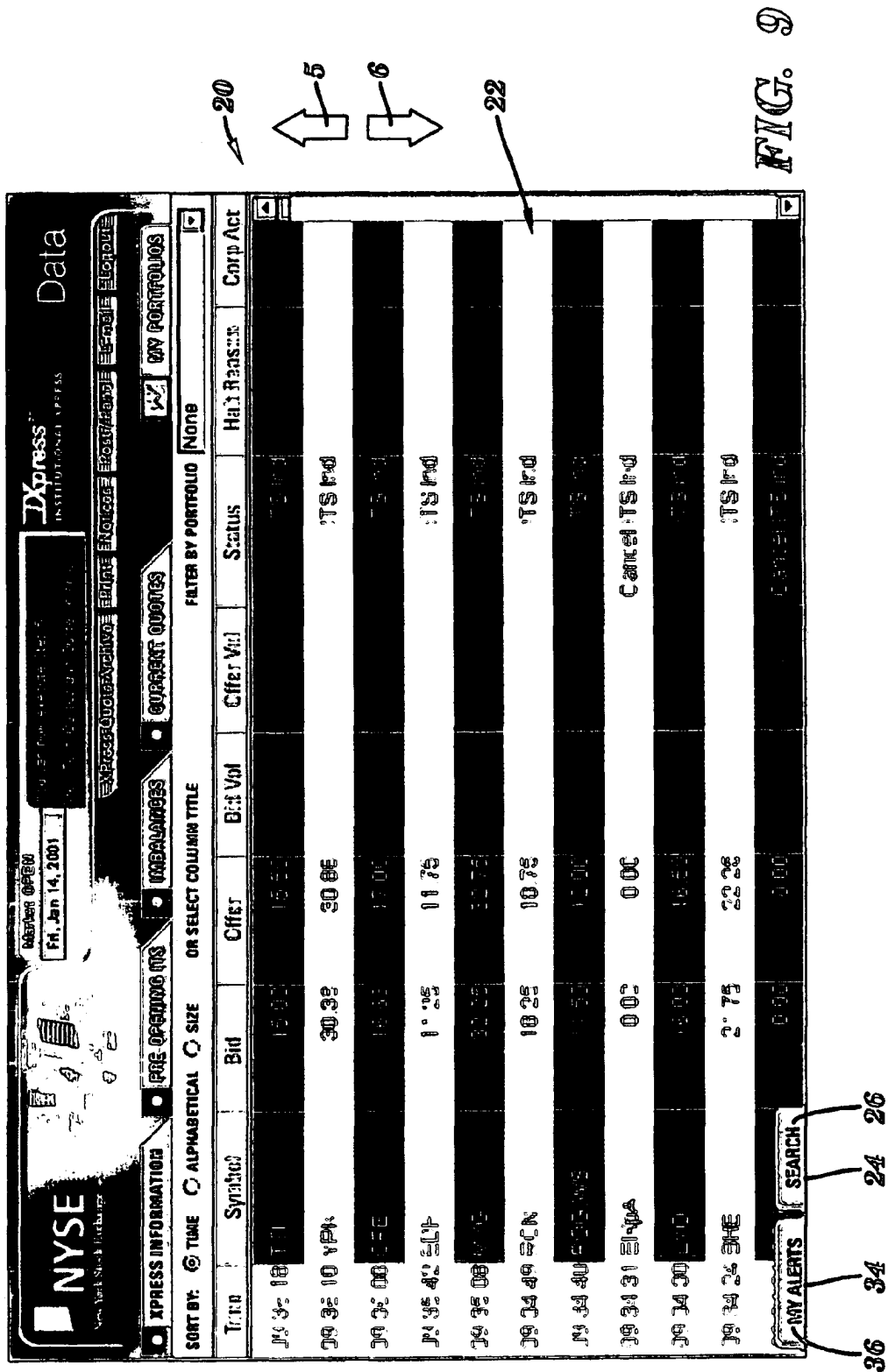
FIG. 8

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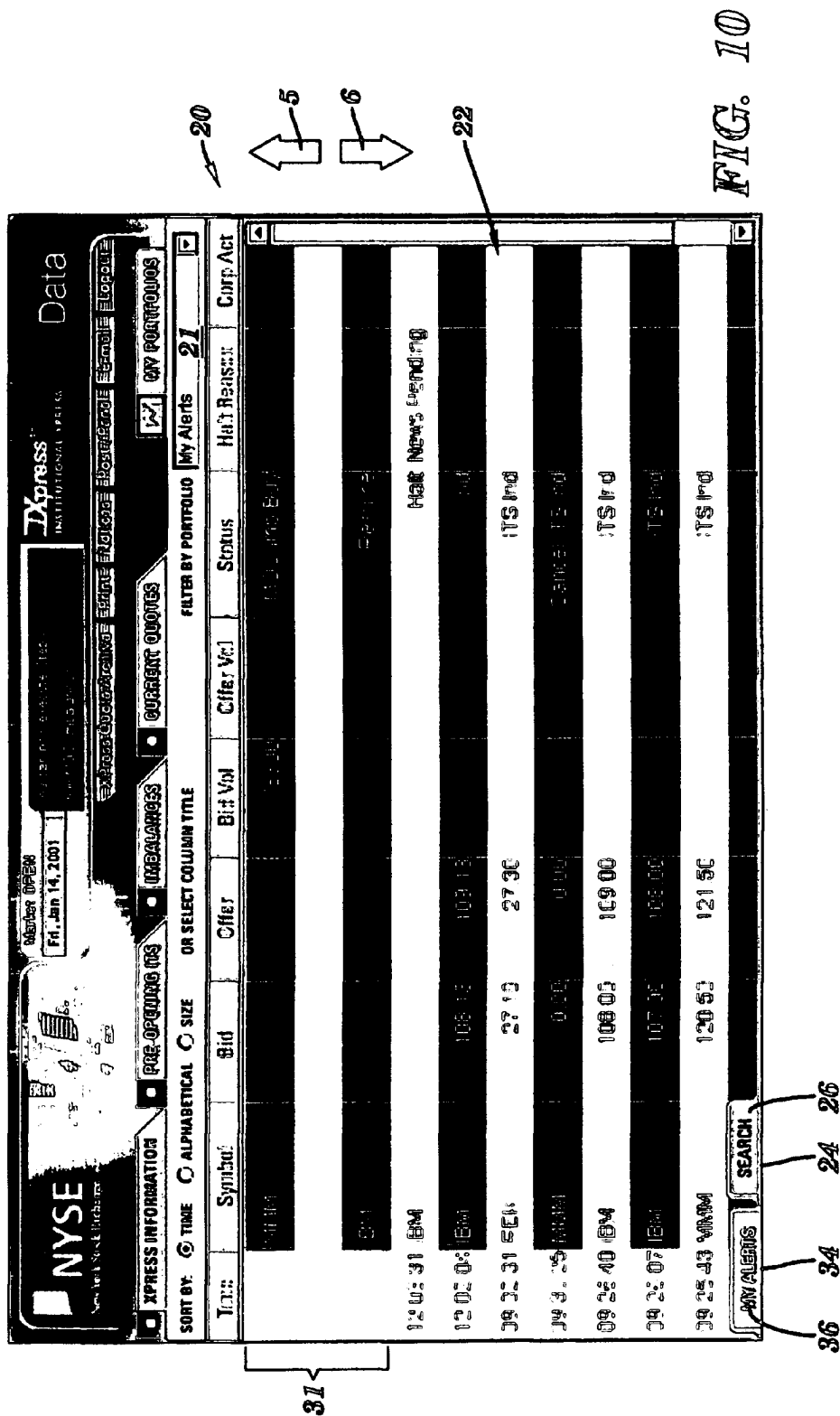


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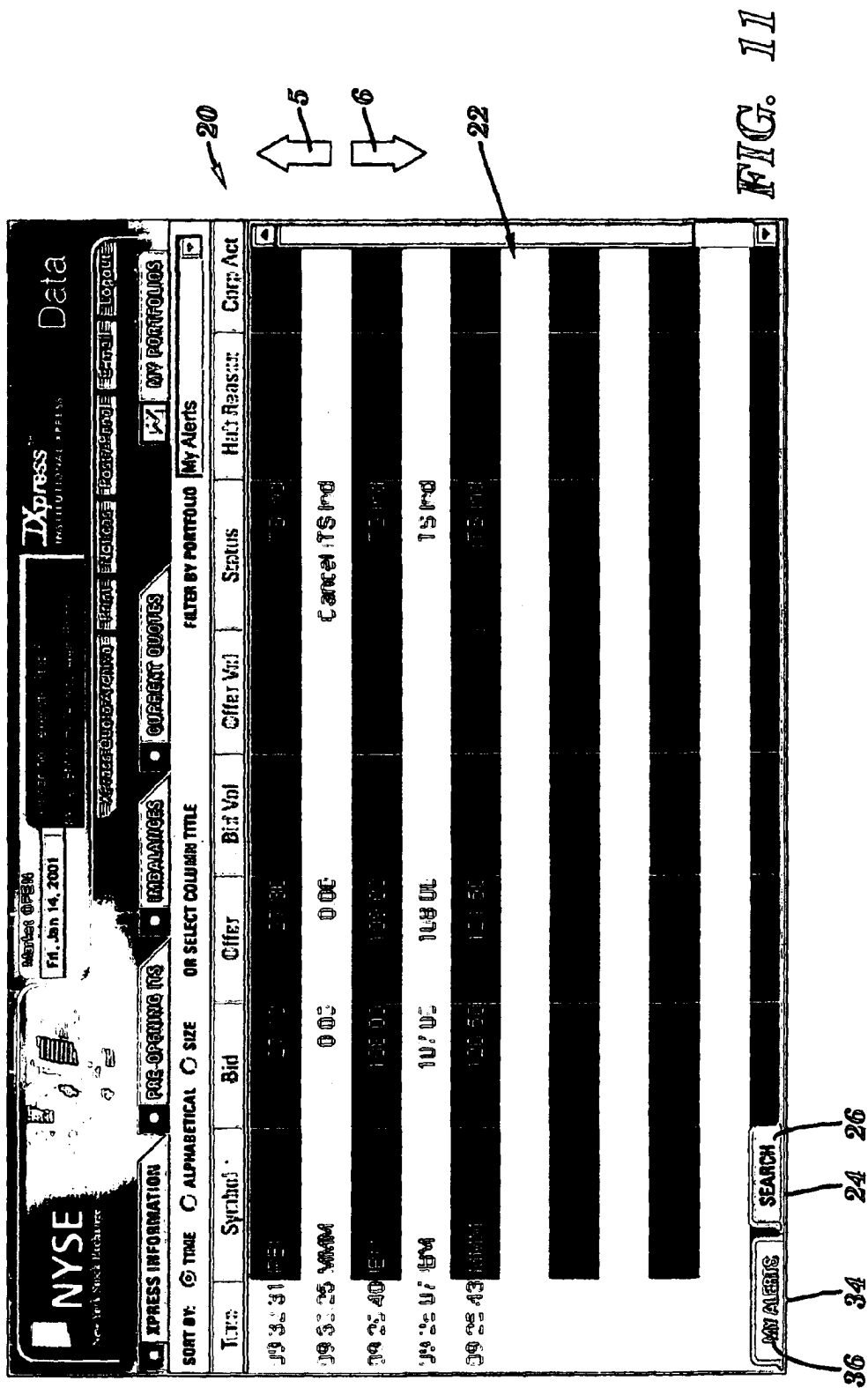


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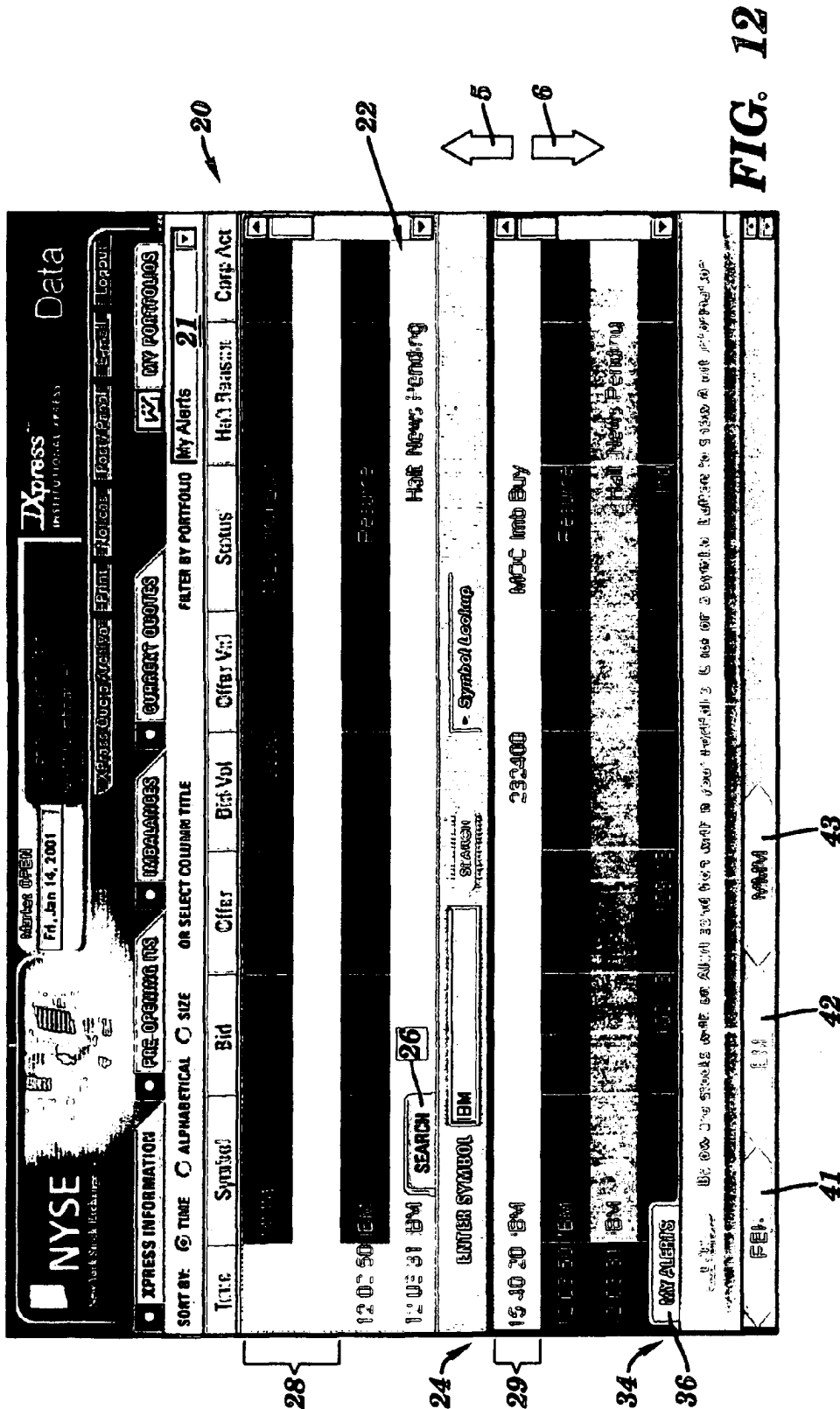


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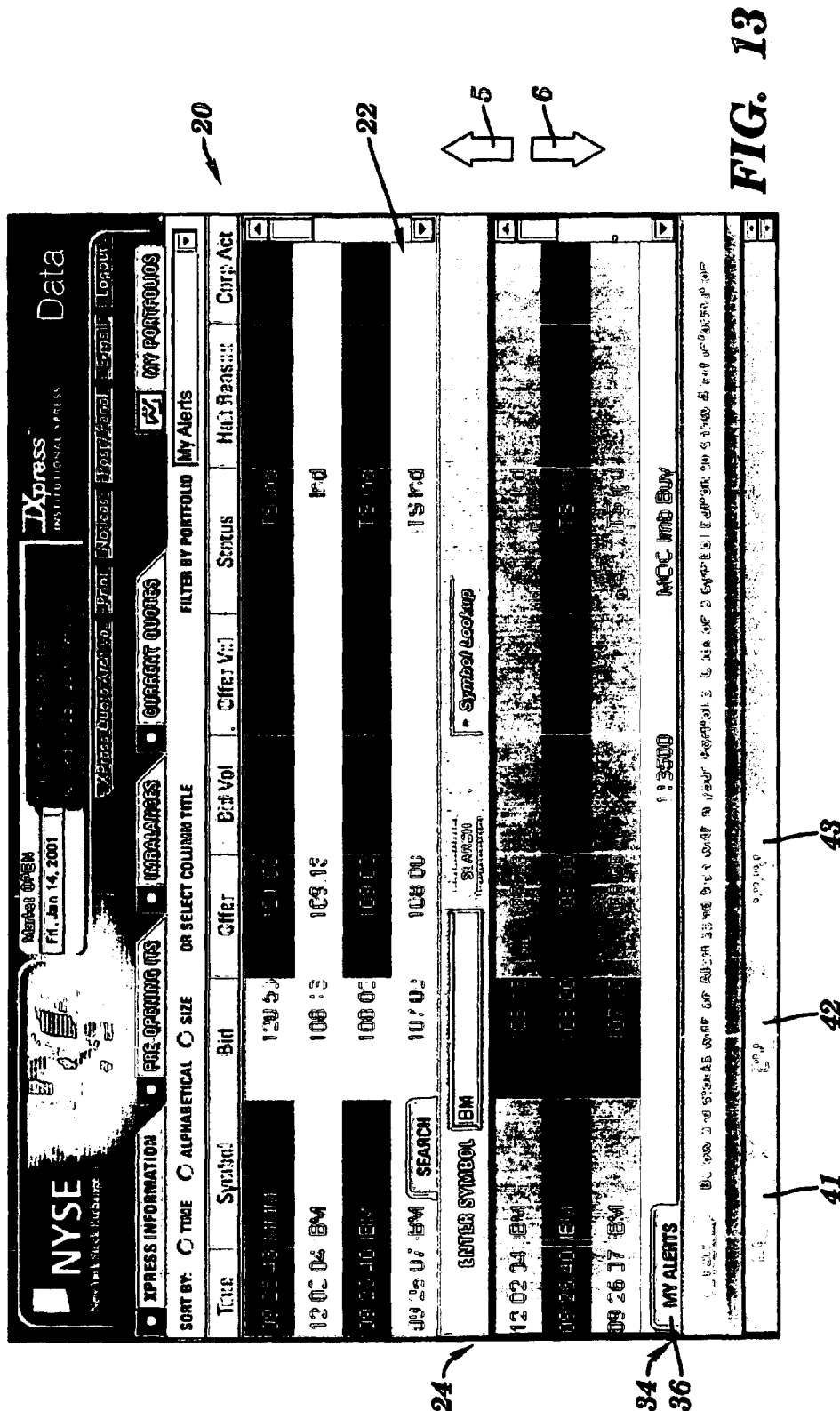


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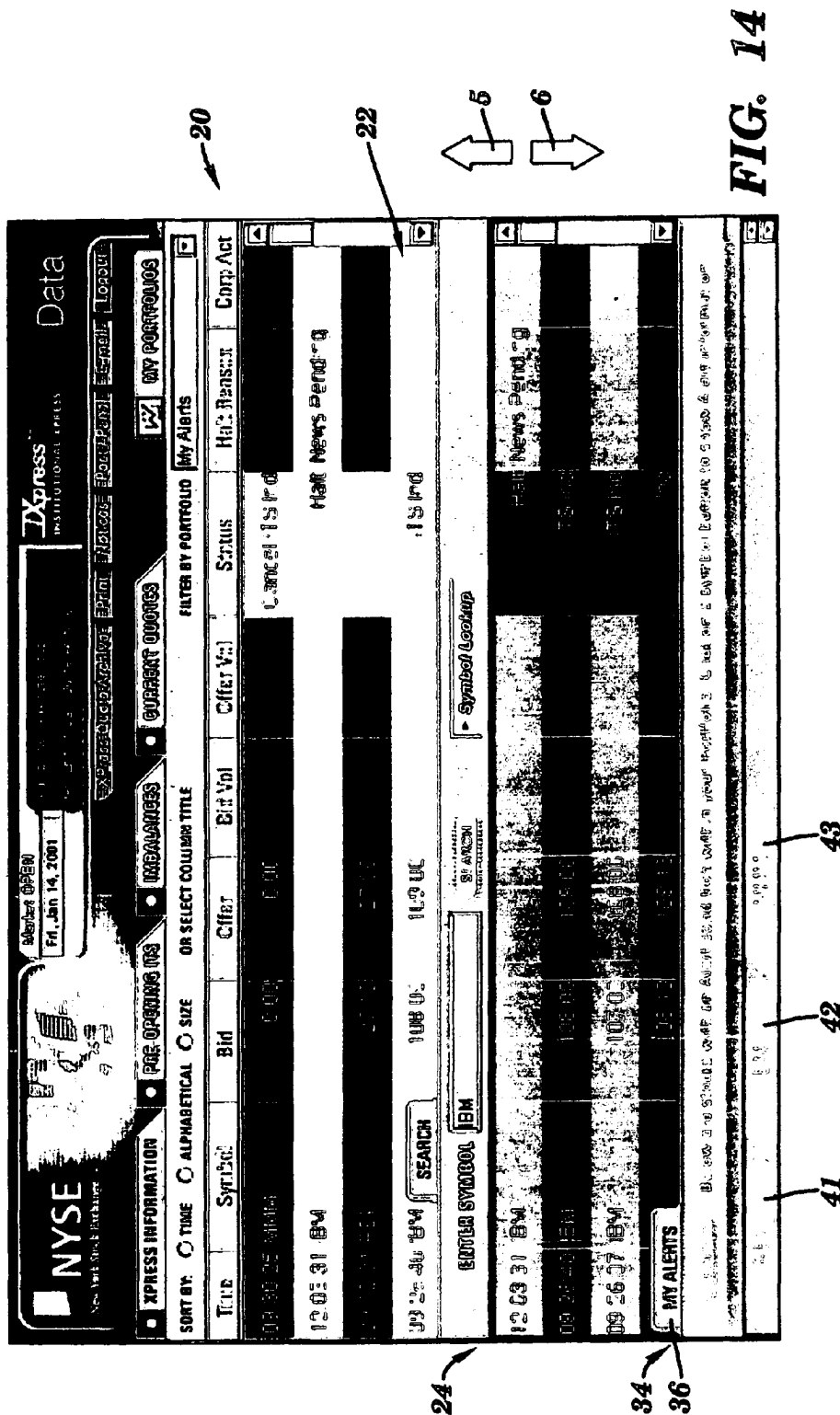


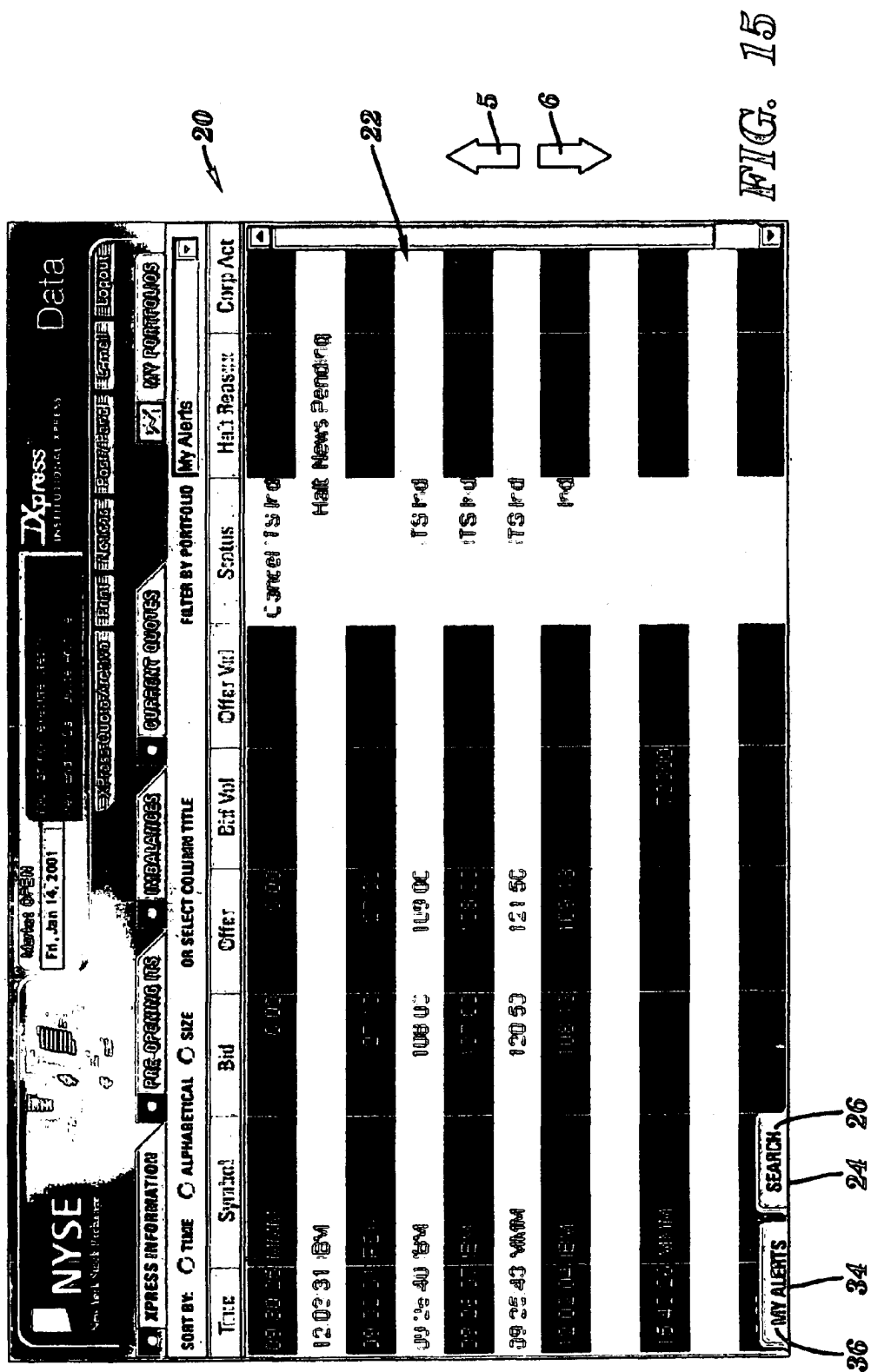
U.S. Patent

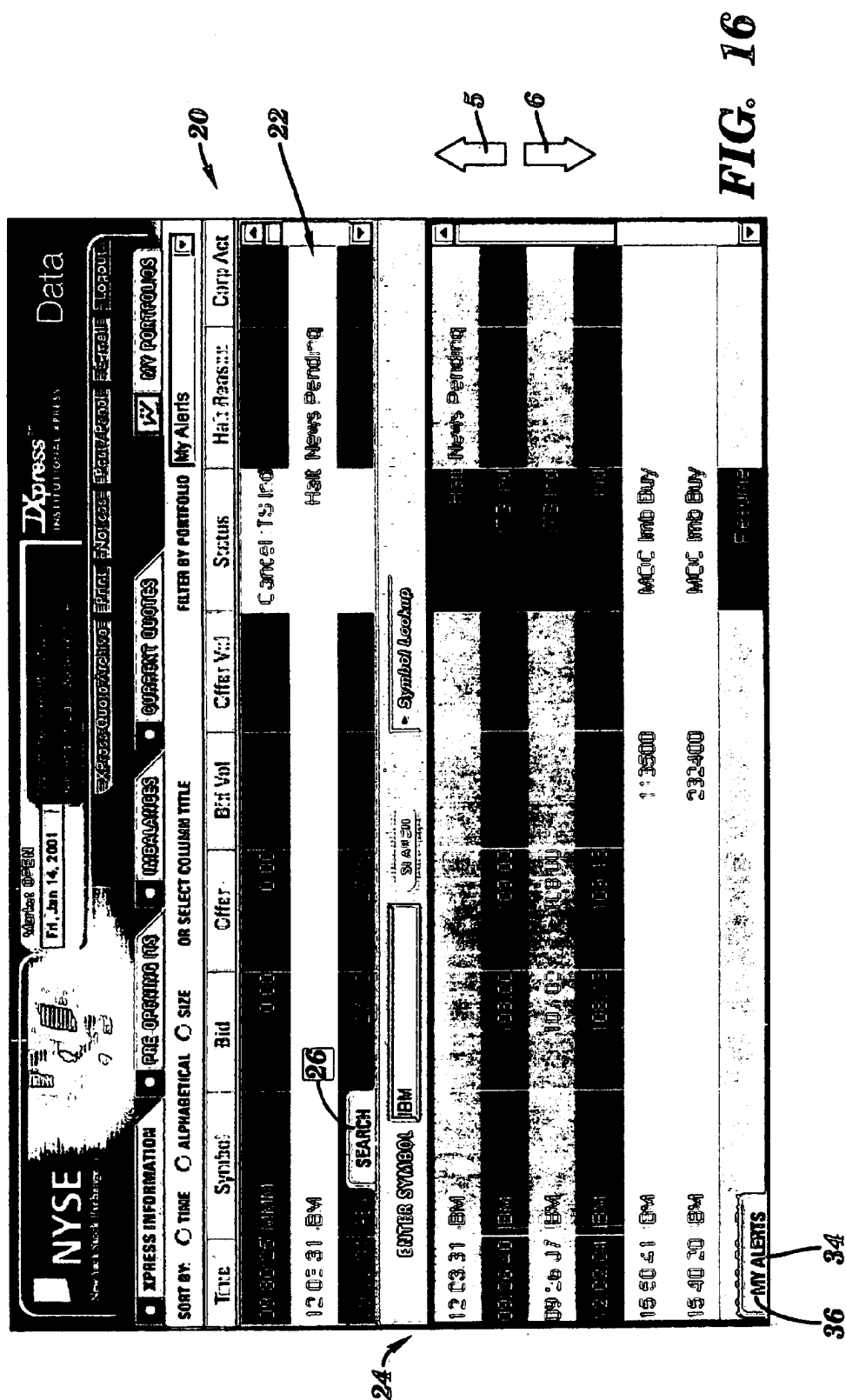
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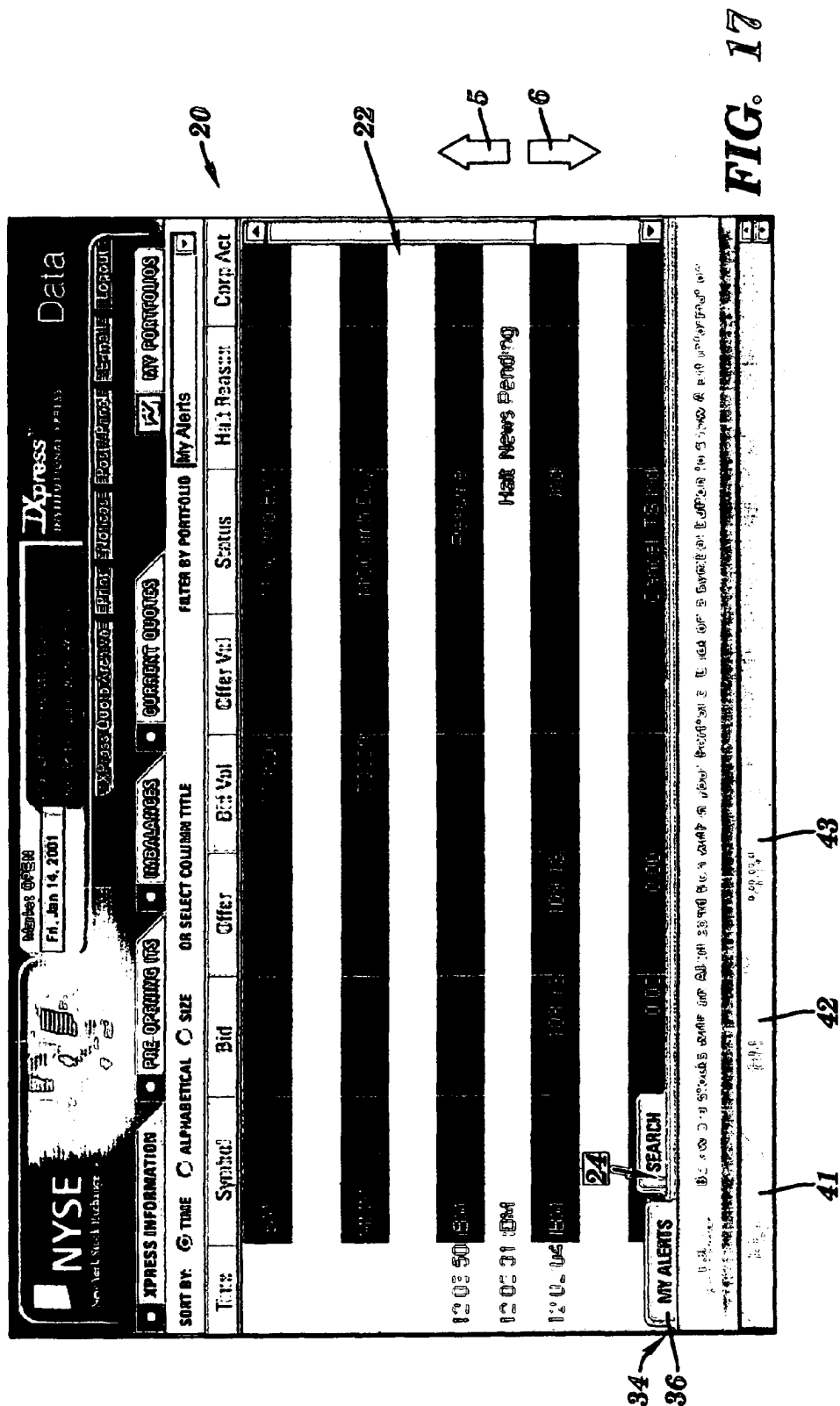


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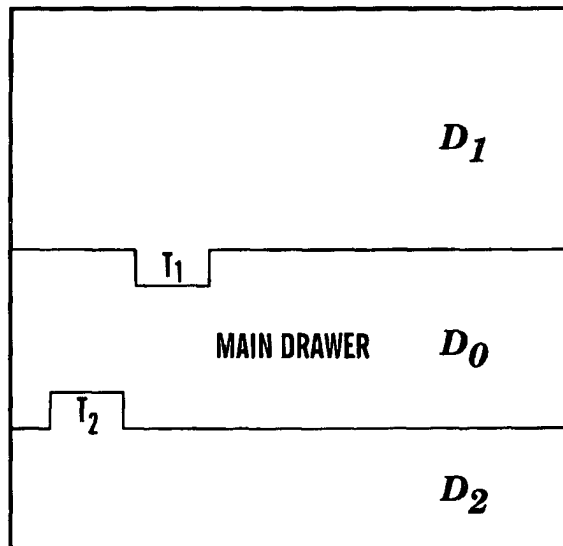


FIG. 18

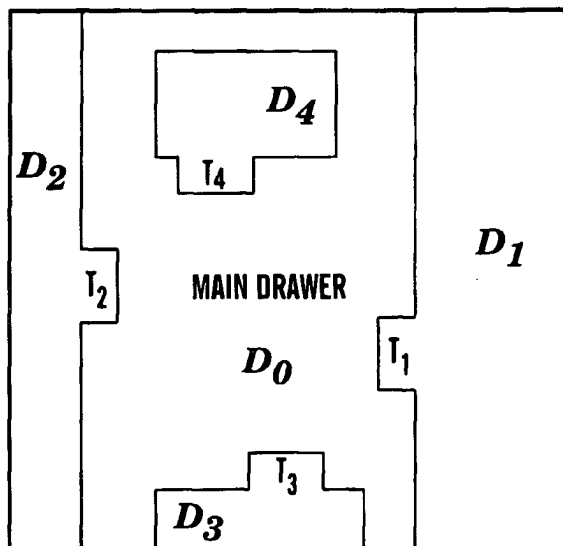


FIG. 19

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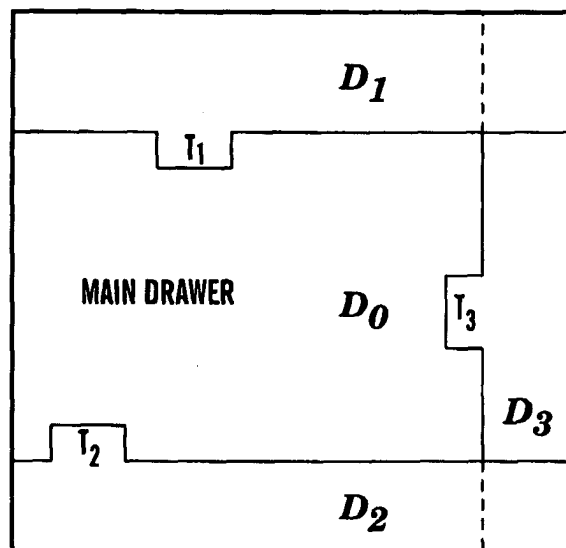


FIG. 20

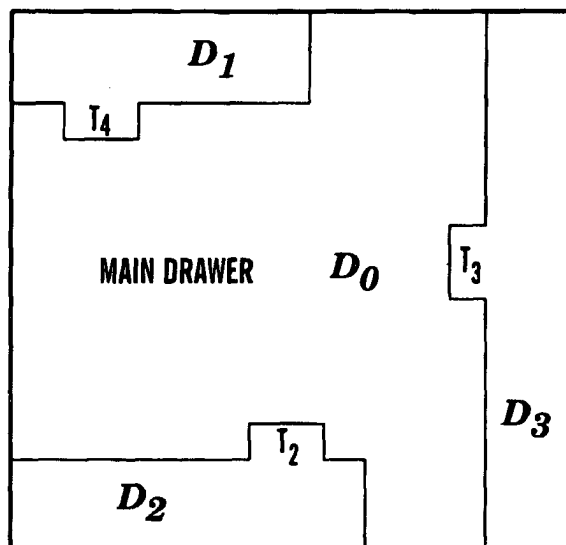


FIG. 21